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*Indecomposable Modules of Large Rank over Cohen-Macaulay Rings.* Preliminary report.

As part of a larger project to classify all local rings having indecomposable modules of arbitrarily large constant rank, R.Wiegand and W.Hassler developed a method for constructing indecomposable modules which proved to be particularly useful over hypersurface singularities with positive dimension. Under mild restrictions on the hypersurface singularity, one may construct indecomposable modules of arbitrarily large constant rank that are, modulo an indecomposable finite length part, maximal Cohen-Macaulay. This fact is most interesting for those hypersurfaces with finite or bounded Cohen-Macaulay type. In this talk, I will outline this technique and how it may be applied to other rings of finite or bounded Cohen-Macaulay type. (Received January 09, 2007)